Design Artec iGuzzini Studio

Last information update: October 2024

#### Product configuration: QG44

QG44: small body - Neutral White - dimmable electronic ballast - flood optic



#### Product code

QG44: small body - Neutral White - dimmable electronic ballast - flood optic

#### Technical description

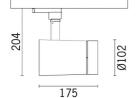
Adjustable spotlight with adapter for installation on mains electrified track for high output LED lamp with monochrome emission in a Neutral White (4000K) tone. Dimmable electronic ballast integrated in the product. Luminaire made of die-cast aluminium and thermoplastic material, allows 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. The luminaire has mechanical aiming locks for both movements, operated using the same tool on two screws, one at the side of the rod and one on the adapter for the track. Passive heat dissipation. Spotlight can hold up to two flat accessories at the same time. Another external component can also be applied, selected from directional flaps and an anti-glare screen. All external accessories rotate 360° about the spotlight longitudinal axis.

#### Installation

On an electrified track with a special base

Colour White (01) | Black (04) Weight (Kg)

1.28



#### Mounting

three circuit track

## Wiring

The dimmable electronic components are housed in the luminaire

Complies with EN60598-1 and pertinent regulations













Control:











## Technical data

Im system:	1922	Life
W system:	29.6	Lar
Im source:	2700	Nui
W source:	26	ass
Luminous efficiency (lm/W	, 64.9	ZVI
real value):		Nur
Im in emergency mode:	-	ass
Total light flux at or above	0	Pov
an angle of 90° [Lm]:		Inru
Light Output Ratio (L.O.R.)	71	Ma
[%]:		lum
Beam angle [°]:	38°	min
CRI (minimum):	97	
Colour temperature [K]:	4000	
MacAdam Step:	2	Min
		Ove

e Time LED 1: > 50,000h - L90 - B10 (Ta 25°C) LED mp code: mber of lamps for optical 1 sembly: El Code: LED mber of optical semblies: wer factor: See installation instructions 5 A / 50 μs ush current: ximum number of minaires of this type per B10A: 31 luminaires B16A: 50 luminaires niature circuit breaker: C10A: 52 luminaires C16A: 85 luminaires nimum dimming %: vervoltage protection: 4kV Common mode & 2kV

Differential mode

Completo di dimmer

## Polar

lmax=5345 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	2	1.3	1116	1303
XXXX	4	2.7	279	326
6000	6	4	124	145
α=37°	8	5.4	70	81

# 

## UGR diagram

Riflect.:  ceil/cav  walls  work pl.  Room dim  x	/ EH EH EH EH EH	0.70 0.50 0.20 1.2 1.1 1.0 0.9	1.7 1.5 1.4	0.50 0.50 0.20 viewed crosswise		0.30 0.30 0.20	0.70 0.50 0.20	0.70 0.30 0.20	0.50 0.50 0.20 viewed endwise	0.50 0.30 0.20	0.30 0.30 0.20					
walls work pl. Room dim x y  2H 2h 3h 4h 6h 8h 12k  4H 2h 3h 4h 12t 12t 4H 4h 8h 12t	/ EH EH EH EH EH	1.2 1.1 1.0 0.9	0.30 0.20 1.7 1.5 1.4	0.50 0.20 viewed crosswis	0.30 0.20 e	0.20		0.30 0.20	0.50 0.20 viewed	0.30 0.20	0.30					
Room dim x y 2 2 1 2 1 3 1 4 1 2 1 2 1 3 1 4 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 1	/ EH EH EH EH EH	1.2 1.1 1.0 0.9	1.7 1.5 1.4	viewed crosswis	e		0.20		viewed		0.20					
X Y  2H 2H 3H 6H 6H 12H 4H 2F 3H 6H 6H 6H 12H 8H 4H 8H 4H 8H 4H 8H 8H 4H 8H	/ EH EH EH EH EH	1.1 1.0 0.9	1.7 1.5 1.4	1.5	e											
2H 2H 3H 6H 2H	H SH SH SH SH	1.1 1.0 0.9	1.7 1.5 1.4	1.5					endwise		viewed					
3H 4H 6H 8H 12H 4H 2F 3H 6H 8H 12H 8H 4H 12H 8H 4H 12H	SH SH SH	1.1 1.0 0.9	1.5 1.4		1.9			endwise								
4H 2H 2H 3H 6H 8H	iH iH iH	1.0 0.9	1.4	1.4		2.1	1.2	1.7	1.5	1.9	2.1					
8H 4r 12H 4H 2r 3r 4H 8H 8H 12t 8H 4r 12t 8H 4r 12t 4H 8H 12t 4H 8H 8H 8H 12t	BH BH	0.9			1.8	2.1	1.1	1.6	1.4	1.8	2.1					
8H 4H 2F 12H 8H 4F 12H 12H 4F 12H	Н			1.3	1.7	2.0	1.0	1.5	1.4	1.7	2.0					
12t 4H 2h 3h 4h 6h 6h 12t 8H 4h 6h 12t 12t 12t 4h		0.9	1.3	1.3	1.6	1.9	0.9	1.3	1.3	1.7	2.0					
4H 2H 3H 6H 8H 6H 6H 8H 6H 8H 6H 8H 12H	2H		1.3	1.2	1.6	1.9	0.9	1.3	1.3	1.6	2.0					
3H 4H 6H 8H 12H 8H 4H 6H 8H 12H	1000	8.0	1.2	1.2	1.5	1.9	0.9	1.2	1.2	1.6	1.9					
4H 6H 12H 8H 4H 6H 8H 12H	Н	1.0	1.5	1.4	1.7	2.0	1.0	1.4	1.3	1.7	2.0					
6H 8H 12H 8H 4H 6H 8H 12H 4H	H	0.9	1.3	1.3	1.6	1.9	0.9	1.2	1.3	1.6	1.9					
8H 4H 6H 8H 12H	H	8.0	1.1	1.2	1.5	1.9	8.0	1.1	1.2	1.5	1.9					
12H 8H 4H 6H 8H 12H	H	0.7	1.0	1.1	1.4	1.8	0.7	1.0	1.1	1.4	1.8					
8H 4H 6H 8H 12H	Н	0.7	0.9	1.1	1.3	1.8	0.7	0.9	1.1	1.3	1.8					
6H 8H 12H 12H 4H	H	0.6	8.0	1.1	1.3	1.7	0.6	8.0	1.1	1.3	1.7					
8H 12H 12H 4H	н	0.7	0.9	1.1	1.3	1.8	0.7	0.9	1.1	1.3	1.8					
12H 12H 4H	H	0.6	8.0	1.0	1.2	1.7	0.6	8.0	1.0	1.2	1.7					
12H 4H	Н	0.5	0.7	1.0	1.2	1.7	0.5	0.7	1.0	1.2	1.7					
	2H	0.5	0.6	1.0	1.1	1.6	0.5	0.6	1.0	1.1	1.6					
6H	н	0.6	8.0	1.1	1.3	1.7	0.6	8.0	1.1	1.3	1.7					
	983	0.5	0.7	1.0	1.2	1.7	0.5	0.7	1.0	1.2	1.7					
18	Н	0.5	0.6	1.0	1.1	1.6	0.5	0.6	1.0	1.1	1.0					
Variations	s with	n the ob	oserver p	noitieo	at spacir	ng:										
S = 1.0	ЭН		5	.1 / -6	9		5.1 / -6.9									
1.5	5H		7.	9 / -10	.4		7.9 / -10.4									